Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 15 Dec 2021 until 23:59 on Thursday 16 Dec 2021

Forecast Issued on Wednesday 15 Dec 2021 at 02:39

Confidence: High for mainly dry and settled conditions. Medium for cloud amounts, becoming Low from Friday.

Headline for Wednesday 15 Dec 2021: Dry. Cloudy or bright. Windy over the tops.

Mountain weather hazards on Wednesday 15 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	10%

Forecast for Wednesday 15 Dec 2021

Weather: A mainly dry and bright day, although cloud could thicken and lower onto the higher tops at times, particularly early and later in the day.

Chance of cloud free mountain/hill tops above 600m: 70%

Visibility: Mainly good or very good lower down, but moderate, perhaps poor at times over the tops. No significant cloud for much of the time, but patches, base around 600m at times.

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Forecast for Wednesday 15 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 SW	19/26 SW	20/27 SW	18/24 SW	16/22 SW	14/19 SW	12/18 SW
300	14/22 SW	11/19 SW	13/19 SW	10/16 SW	9/14 SW	7/13 SW	6/10 SW
Valley	7/20 SW	5/16 SW	7/16 SW	5/14 SW	5/12 SW	4/11 SW	3/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	5/-0	5/0	6/1	5/1	5/1	5/1
300	7/4	7/4	8/4	8/6	8/5	7/5	6/4
Valley	7/4	6/5	8/6	8/7	7/6	6/5	5/4
Freezing Level*	1400m	1500m	1600m	1600m	1700m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 15 Dec 2021	0.2mm	6mm	12.8mm

Forecast for Thursday 16 Dec 2021
Weather: Mainly dry and rather cloudy and overcast, perhaps some patchy drizzle at times.

Maximum wind: West or southwest 10 to 15mph

Chance of cloud free mountain/hill tops above 600m: 40%

Visibility: Mainly good lower down, but moderate to very poor at height. Extensive cloud, base 600m, perhaps lowering closer to 300m at times.

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 4 Celsius
Freezing level: Above the summits.

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